

Amendments to the Claims

This listing of claims will replace the originally filed claims in the application.

Listing of Claims:

Claims 1 – 11 (cancelled)

Claim 12 (new): A cross-corrugated packing structure for installations for transferring material and/or heat between a gas phase and a liquid phase, comprising a first surface, called primary surface, having a plurality of parallel channels, said structure comprising a second surface, called secondary surface, consisting of a plurality of secondary packing elements, each secondary packing element being arranged inside a channel of said primary surface, wherein the secondary elements are formed separately from the first surface.

Claim 13 (new): The packing structure of claim 12, wherein said secondary packing elements have a periodic structure along the channels of the primary surface.

Claim 14 (new): The packing structure of claim 13, wherein said secondary packing elements are made from flat metal strips.

Claim 15 (new): The packing structure of claim 14, wherein said flat metal strips are cut and/or perforated and/or bent.

Claim 16 (new): The packing structure of claim 15, wherein said metal strips are bent alternately leftward and rightward into a Y shape.

Claim 17 (new): The packing structure of claim 16, wherein the heel of the Y shape has periodic perforations.

Claim 18 (new): The packing structure of claim 15, wherein said flat metal strips are cut and bent to form corrugations.

Claim 19 (new): The packing structure of claim 14, wherein said flat metal strips are twisted.

Claim 20 (new): The packing structure of claim 11, wherein said secondary packing elements have tabs for snap-in fastening in the channels of the primary surface.

Claim 21 (new): The packing structure of claim 11, wherein the channels of the primary surface have an S shape.

Claim 22 (new): The packing structure of claim 11, characterized by a distribution of cross section $(1-x)/x$ between primary surface and secondary surface with x close to 0.5.